



**Part Number :** [39000091](#)

**Product Description :** Mini-Fit Female Crimp Terminal, Gold (Au) over Brass, 28-22 AWG, Reel

**Series Number :** 5556

**Status :** Active

**Product Category :** Crimp Terminals

**Engineering Part Number :** 5556GS5



---

## Documents and Resources

### Drawings

[039000091\\_sd.pdf](#)

[55560001-PK-000.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[55560001-AS-000.pdf](#)

[55560002-AS-000.pdf](#)

[55560002-PS-CH-000.pdf](#)

[55560002-PS-ES-000.pdf](#)

[55560002-PS-SK-000.pdf](#)

[55560008-TS-000.pdf](#)

[PS-5556-001-001.pdf](#)

[PS-5556-002-001.pdf](#)

[PS-5556-003-001.pdf](#)

[55560001-TS-000.pdf](#)

[55560010-TS-000.pdf](#)

[TS-5556-002-001.pdf](#)

---

## Product Environment Compliance

### Compliance

|            |                                  |
|------------|----------------------------------|
| GADSL/IMDS | Compliant with Exemption 33; 44; |
|------------|----------------------------------|

|                    |                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------|
|                    | 34                                                                                                    |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                        |
| REACH SVHC         | Not Contained per D(2025)7771-DC (04 Feb 2026)                                                        |
| EU RoHS            | Compliant per EU 2015/863                                                                             |

#### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

|              |                                                                       |
|--------------|-----------------------------------------------------------------------|
| Status       | Active                                                                |
| Category     | Crimp Terminals                                                       |
| Series       | 5556                                                                  |
| Description  | Mini-Fit Female Crimp Terminal, Gold (Au) over Brass, 28-22 AWG, Reel |
| Application  | Wire-to-Board, Wire-to-Wire                                           |
| Product Name | Mini-Fit                                                              |
| UPC          | 822348427017                                                          |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 9.0A |
|-------------------------------|------|

|                   |      |
|-------------------|------|
| Voltage - Maximum | 600V |
|-------------------|------|

## Physical

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Female               |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.130/g              |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 0.381µm              |
| Plating min - Termination      | 0.381µm              |
| Termination Interface Style    | Crimp or Compression |
| Wire Insulation Diameter       | 1.80-3.10mm          |
| Wire Size (AWG)                | 22, 24, 26, 28       |
| Wire Size mm <sup>2</sup>      | N/A                  |

## Mates With / Use With

### Use with Part(s)

| Description                               | Part Number  |
|-------------------------------------------|--------------|
| Mini-Fit Jr. Receptacle Housings          | <u>5557</u>  |
| Mini-Fit BMI Dual Row Receptacle Housings | <u>44516</u> |
| Mini-Fit BMI Dual Row Receptacle Housings | <u>42474</u> |
| Mini-Fit BMI Dual Row Receptacle Housings | <u>43760</u> |

---

## Application Tooling

### Global

| Description                                                   | Part Number      |
|---------------------------------------------------------------|------------------|
| PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female | <u>638191000</u> |

|                                                                                 |                  |
|---------------------------------------------------------------------------------|------------------|
| Terminals, 28-22 AWG                                                            |                  |
| FineAdjust Applicator for<br>Insulation Diameter<br>1.30-1.50mm, 28-22 AWG Wire | <u>639002700</u> |
| FineAdjust Applicator for<br>Insulation OD 1.10-1.30mm -<br>28-22 AWG           | <u>639020200</u> |
| FineAdjust Applicator for<br>Insulation OD 0.95-1.08mm -<br>28-22 AWG           | <u>639023800</u> |
| T2 Terminator for Insulation OD<br>1.30-1.50mm, 28-22 AWG                       | <u>639102700</u> |
| T2 Terminator for insulation OD<br>1.10-1.30mm - 28-22 AWG                      | <u>639120200</u> |
| T2 Terminator for Insulation<br>Diameter 0.95-1.08mm, 28-22<br>AWG              | <u>639123800</u> |